

REMARKS

The latest explanation from the Office has helped applicants now understand how their invention as described by their claim language is being interpreted to read also upon the proposed (Sec. 103 (a)) combination of the teachings of the Ishikawa et al and Dubus patents.

As the Office correctly states:

“Ishikawa et al is silent, however, as to a voice controlled switching mechanism programmed with and responsive to a plurality of pre-designated separate voice commands for operation of an ‘entertainment deck’ and cellular radio telephone”.

In fact, the patent to Ishikawa et al is “silent’ also on any “entertainment deck” whatsoever. The Office use of quotation marks, indeed, reflects the extraction of the term “entertainment deck” from applicants’ own specification only, since such is not mentioned in the patent disclosure, nor is any such deck involved therein.

Turning, now, to Dubus, the Office states:

“Dubus shows in figures 1-3 voice controlled switching mechanism 2 and 3 programmed with and responsive to a plurality of pre-designated separate voice commands for operation of “entertainment deck” 8 and 9 and cellular radio telephone 12”.

Again, however, the Dubus patent is ‘silent’ as to the term “entertainment deck” which the Office again has quoted from applicants’ specification.

Applicants’ specification, where that term “entertainment deck” is used, discloses and defines the term to be what is conventionally understood in the art and by the public- -i.e.

“deck systems available for automobiles...(for) playback functions for the *listening entertainment* of the operator and other passengers” (page 2 of specification).

Such deck systems are further defined as including components of "tape decks", embracing "cartridges of magnetic storage strips or tapes...discs and other well-known recording media...and...vehicle AM/FM radio broadcast reception" (page 1) --all for the "listening entertainment of the operator"; and, in accordance with the present invention, also with dictation recorder/playback components for

"expanding the functionality of the tape deck to permit the operator to dictate and record".

And, as still a further feature of the invention (page 2)

"to permit the operator to dictate and record and/or automatically transmit the dictation via the vehicle cellular radio, either in real time or by playback".

Since the Office cannot find applicants' "entertainment deck" term even used in Dubus, the Office has identified two elements of Dubus ("8 and 9") which the Office characterizes as an "entertainment deck".

Dubus, however, describes this element 8 as a mere "delta modulation" circuit (col. 3, l. 65; col. 4, l. 12, col. 6, l. 45; col. 7, l. 52 and l. 64; col. 8, l. 44; col. 9, l. 51; and col. 10, l. 9), and certainly not anything heretofore known or used in tape decks for providing any "listening entertainment of the operator and other passengers" --and certainly not within applicants' definition of a component of a vehicle "entertainment deck".

The Office is quite correct, however, that the Dubus element 9 is described as a "car radio comprising a tuner and power amplifier followed by speakers 10" (col. 2, l. 64-5) --and a car radio can, of course, be used for "listening entertainment. While again the Office is correct that nothing "preclude(s) the use of" that Dubus "radio to receive radio signals as suggested by applicant(s)" for an "entertainment" purpose, the fact is that, in the intended and described operation of the Dubus patent system, the "tuner of car radio 9" is borrowed for its amplifier-loud speaker circuit to permit hearing the "radio telephone speech" (col.4, lines 1-30; claim 8). There is no

suggestion of using the radio for entertainment radio broadcast reception--which, of course, it *cannot do* while its tuner is being used in the cellular phone operation specifically as taught in Dubus.

The Office now cites dictionary definitions of "radio" with which, of course, applicants do not take issue. If Dubus wants to use the "radio 9" for conventional entertainment listening of received radio broadcasts, this certainly can be done, but not at the same time the tuner amplifiers are being used for the radio telephone usage described and intended in Dubus.

Furthermore, the Office has not explained where, even were the Dubus "radio 9" to be used as a true "entertainment deck" component, there is even the slightest suggestion that the driver may turn that "radio 9" on and off by *a special pre-designated voice command* representing "RADIO". Dubus certainly provides designated voice command for the telephone ("TELEPHONE"), but not a single one of the plurality of pre-designated separate voice commands of Dubus referred to by the Office as provided in the Dubus "pre-designated voice command flow chart in figures 1-3" (page 3 of Office action), discloses or even hints at a separate "RADIO" component turn-on-off command.

Certainly, however, by no stretch, does Dubus disclose the use of any other "entertainment deck" components.

The Dubus patent, moreover, clearly lacks applicants' inventive insight into having a pre-designated separate voice command for the operation of *each* of a *plurality* of different entertainment deck components--a specified voice command not only for "RADIO", but a specified voice command also for tape or media "PLAYER", and a specified command also for "DICTATION RECORDER", and a specific command also for "RECORDER" - "RADIO TELEPHONE" to transmit the recorder information along the cellular telephone, etc. etc.

While it was believed that the pending claims defined these differences, in an effort to expedite the allowance of this all too-long-pending case, and, if possible, avoid the requirement for further delays in initiating appellate prosecution, each of independent claims 23, 25, 28, 30, 31 and 33, (and thus also corresponding dependent claims 14, 16-20, 22, 27 and 37) has accordingly been further herein amended even more clearly to require this novelty over any possible combination of the teachings of Ishikawa et al and Dubus.

Claim 23, for example, as herein amended, now requires the "entertainment deck" specifically to include "*each* of storage medium player *and* dictation recorder components (neither in either reference) in addition to the vehicle cellular radio telephone. The claim further requires of its plurality of predesignated separate voice commands, "a voice command for the storage medium player, a separate voice command for the dictation recorder, and a separate voice command for the cellular radio telephone".

This is a far cry from what the Office itself says the proposed combination of references anticipates; namely,

"a cellular radio telephone in a steering wheel with a voice controlled mechanism to provide a *hands-free telephone system*."

Clearly, claim 23 requires also a "hands-free" *entertainment deck* system --and one specifically having a "hands-free" storage medium player and a "hands-free" dictation recorder component under driver voice-controlled operation.

Claim 25 now requires "hands-free" voice-controlled operation of each and all of storage-medium player, dictation recorder and AM/FM radio receiver components of an entertainment deck--again outside the scope of the references. (Dependent claims 14, 16-20 and 22 add further limitations, including supplemental switching buttons).

Claim 28 also now requires a plurality of deck components; claim 30, both storage medium player and AM/FM radio receiver components; and claim 31,

storage medium player/recorder components, and with claim 32 including the cellular radio telephone---all and each selectively voice-controlled-operated for respective "hands-free" operation.

Claim 33 includes recorder REC, player PL and cellular radio telephone TX.

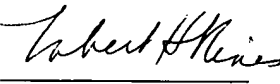
Added claim 35 depends from claim 23, above discussed, and includes the novel feature of transmitting the stored or dictated information of the player or recorder, respectively, over the radio telephone. Claim 36 similarly depends from claim 30, and claim 37 from claim 32 to include such feature, as well.

It appearing, therefore, that applicants may at long last have found language in amended claims 14, 16-20, 22, 23, 25, 27, 30-33, 35-37 that the Office can agree clearly defines over any possible Office-proposed combination of the references, prompt allowance of the claims, as amended, is therefore respectfully requested.

All costs incurred hereby, including for the Request for Continued Examination (RCE), and time extension(s) in the parent application, petition for which is hereby made, and all other costs incurred herein, may be charged to the Deposit Account No. 18-1425 of the undersigned attorneys.

Respectfully submitted,

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